

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. ALTRP084/A960

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **INTERFACIAL STRENGTHENING FOR ELECTROLESS NICKEL IMMERSION GOLD SUBSTRATES**, the specification of which,

(check one)

1. is attached hereto.
2. was filed on _____ as
U.S. Application No. _____
and was amended on _____.
3. was filed on _____ as
International PCT Application Serial No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR §1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(Appl. No.)	(Country)	(Date Filed- Day/Month/Year)	Priority Benefits Claimed? — Yes — No
_____	_____	_____	— Yes — No

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.)	(Filing Date)
_____	_____

Pri r U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this applications is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Send Correspondence To:

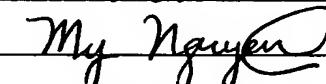
Customer Number: 022434



Direct Telephone Calls To:

James E. Austin at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor:	My Nguyen	Citizenship: <u>United States of America</u>
Inventor's signature:		Date of Signature: <u>2/27/03</u>
Residence: (City)	San Jose	(State/Country) <u>California/USA</u>
Post Office Address:	3915 Loganberry Drive, San Jose, California 95121	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: My Nguyen

Attorney Docket No.: ALTRP084/A960

Application No.: Not yet assigned

Examiner: Not yet assigned

Filed: Not yet assigned

Group: Not yet assigned

Title: **INTERFACIAL STRENGTHENING FOR
ELECTROLESS NICKEL IMMERSION
GOLD SUBSTRATES**

POWER OF ATTORNEY
AND CERTIFICATION UNDER 37 CFR 3.73(b)

Commissioner for Patents
Washington, D. C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.36 and 3.71, **ALTERA CORPORATION**, ("assignee"), a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134, assignee of record of the entire interest of the above-identified application, hereby revokes all powers of attorney previously given and appoints the following attorneys and agents to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith: Steve D Beyer (Reg. No. 31,234); Jeffrey K. Weaver (Reg. No. 31,314); C. Douglass Thomas (Reg. No. 32,947); Jonathan O. Scott (Reg. No. 39,364); James E. Austin (Reg. No. 39,489); Joseph M. Villeneuve (Reg. No. 37,460); Michael L. Louie (Reg. No. 36,988); Mary R. Olynick (Reg. No. 42,963); Elise R. Heilbrunn (Reg. No. 42,649); Michael J. Ferrazano (Reg. No. 44,105); Thomas C. Sylke (Reg. No. 32,312); Russell N. Swerdon (Reg. No. 36,943); Godfrey K. Kwan (Reg. No. 46,850) all of the law firm of BEYER, WEAVER & THOMAS, LLP, and Derek E. Minihane, Reg. No. 39,774, and James M. Wu, Reg. No. 45,241, of **ALTERA CORPORATION**, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

James E. Austin
BEYER, WEAVER & THOMAS, LLP
P.O. Box 778
Berkeley, CA 94704-0778

Please direct any calls to the same at (510) 843-6200.

Pursuant to 37 C.F.R. § 3.73, assignee certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee. Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and correct copy of which is attached hereto.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

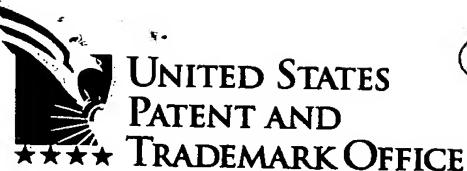
Date

2/27/03

ALTERA CORPORATION



Derek E. Minihane
Director, Intellectual Property Law and Assistant Secretary



AUGUST 11, 2003

PTAS

BEYER WEAVER & THOMAS, LLP
P.O. BOX 778
BERKELEY, CA 94704-0778

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102396950A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/05/2003

REEL/FRAME: 013861/0036
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
NGUYEN, MY

DOC DATE: 02/27/2003

ASSIGNEE:
ALTERA CORPORATION
101 INNOVATION DRIVE
SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 10382784
PATENT NUMBER:

FILING DATE: 03/05/2003
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
Docketed
Date
AUG 14 2003
KEN JONES
JKW/SEA

03-21-2003

AS:



R SHEET

102396950

JC893 U.S. PTO
10382784
03/05/03

To: Honorable Commissioner of Patents and Trademarks:

3.5.03

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
a) My Nguyen
2. Name and address of receiving party(ies):
a) Name: Altera Corporation
Address: 101 Innovation Drive
San Jose, California 95134

3. Nature of conveyance
 Assignment
 Security Agreement
 Other _____
- Merger
 Change of Name
 License Agreement

Execution Date: February 27, 2003

4. Application Number(s) or Patent Number(s): Not yet assigned

10382784

The title of the (new) application is:

INTERFACIAL STRENGTHENING FOR ELECTROLESS NICKEL IMMERSION GOLD SUBSTRATES

5. Please send all correspondence concerning this (these) documents to:

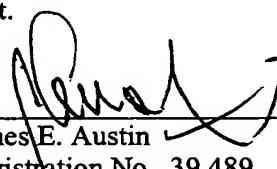
Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (510) 843-6200
Fax: (510) 843-6203
(Customer Number: 022434)

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed
 Any deficiencies in the fees are authorized to be charged to Deposit Account No. 500388 (Order No. ALTRP084)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.


James E. Austin
Registration No. 39,489

Date: March 5, 2003

03/12/2003 CV0111 00000028 10382784

03 FC:8021

40.00 OP

Attorney Docket No. ALTRP084/A960

(Revised 12/01)

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

INTERFACIAL STRENGTHENING FOR ELECTROLESS NICKEL IMMERSION GOLD SUBSTRATES

(Atty. Docket No. ALTRP084/A960), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
- which bears U.S. application No. _____
- which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Altera Corporation, a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1) Signature: My Nguyen Date: 2/27/03
Typed Name: My Nguyen